Mountain Weather Forecast

Yorkshire Dales National Park

Forecast valid from 00:00 on Thursday 22 Apr 2021 until 23:59 on Friday 23 Apr 2021

Forecast Issued on Wednesday 21 Apr 2021 at 16:51

Confidence: Moderate to high confidence in the dry trend.

Headline for Thursday 22 Apr 2021: An early valley frost is likely. A dry and often sunny day.

Mountain weather hazards on Thursday 22 Apr 2021

Blizzards
No Likelihood

Heavy Snow
No Likelihood

Storm force winds
No Likelihood

Gales
No Likelihood

Severe chill effect
No Likelihood

Poor visibility
No Likelihood

Thunderstorms
No Likelihood

Heavy persistent rain
No Likelihood

Strong sunlight
Medium Likelihood

Weather and chance of precipitation at 600m							
Time							
00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00
Clear night	Clear night	Sunny intervals	Sunny	Sunny	Sunny	Sunny	Clear night
Precipitation probability							
<05%	<05%	<05%	<05%	<05%	<05%	<05%	<05%

Forecast for Thursday 22 Apr 2021

Weather: Dry with long clear spells in the early hours, leading to a frost forming, mainly in valleys. A dry often sunny day is then forecast with mainly light winds. Feeling pleasant in valleys with shelter by the afternoon, still somewhat fresher over peaks. Sunshine may be strong with exposure at altitude. Then dry and clear through the evening.

Chance of cloud free mountain/hill tops above 600m: Generally 90-100 percent.

Visibility: Mainly good or very good, locally moderate in any early morning mist.

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Forecast for Thursday 22 Apr 2021

Height (m)	Wind Speed mean/gusts (mph)					Wind Direction (blowing from)			
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	4/9 E	6/8 SE	5/7 S	4/7 W	3/7 W	5/9 W	5/8 W	4/6 W	5/7 S
300	4/9 E	2/6 SE	1/4 S	2/4 SW	3/6 SW	4/8 W	4/7 W	2/4 N	3/5 S
Valley	4/9 E	3/7 SE	2/4 NE	3/5 SW	3/7 SW	4/8 SW	4/8 W	2/4 E	3/6 E

Height (m)	Temperature / Feels Like (°C)								
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	0/-2	0/-3	1/-2	4/3	8/7	10/8	9/8	6/4	4/2
300	0/-2	-2/-3	0/-1	7/6	11/10	13/12	11/11	4/3	3/2
Valley	2/-0	-0/-2	1/-1	7/6	11/11	13/12	12/11	5/4	4/3
Freezing Level*	400m	300m	300m	800m	1000m	1200m	1300m	1200m	1200m

**Level above which ground is expected to be frozen/snow is expected to settle.*

Meteorologist's View

An early frost is forecast, then feeling rather cool at altitude with light, variable winds. Pleasant in sheltered valleys.

Recent rainfall: measured at Malham: altitude 375m

Recorded at	Last 24 hours:	Last 48 hours:	Last 72 hours:
14:00 on Wed 21 Apr 2021	0mm	0mm	0mm

Forecast for Friday 23 Apr 2021

Weather: A similar day is expected, after an early frost, with dry, sunny weather, and little cloud. Feeling pleasant in valleys by the afternoon, fresher over peaks.

Maximum wind: Southeastery light 5 to 10 mph, gusts to 15 mph.

Chance of cloud free mountain/hill tops above 600m: 90-100 percent.

Visibility: Very good, locally moderate in valleys around dawn.

Temperature: **Valleys:** Zero becoming plus 14 deg C.
At 600m: 2 bec 11 deg C.
Freezing level: Mainly above the peaks, but with an early valley frost.

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